

APR 18 1980

JAN 29 1982

DPM 3025  
Coat. of Insulating Thermal

DeSOTO, INC.  
MATERIAL SAFETY DATA SHEET  
FOR COATINGS, RESINS AND RELATED MATERIALS  
(Approved by U.S. Department of Labor "Essentially Similar" to Form OSHA-20)

MPCA 1-72

## SECTION I

DeSOTO, INC.  
Administrative and Research Center

1700 South Mt. Prospect Road  
Des Plaines, Illinois 60018

Emergency Telephone 312-391-9000

Product Class: MODIFIED POLYESTER

Manufacturers Code Identification  
798 - 700

Trade Name: KOROTHERM HIGH  
TEMPERATURE BLACK

Date of Prep  
4/15/80

## \*\*\*\*\* SECTION II-HAZARDOUS INGREDIENTS \*\*\*\*\*

INGREDIENT	PERCENT BY WEIGHT	PPM	TLV MG/M <sup>3</sup>	LEL	VAPOR PRESSURE °C.
Methyl Ethyl Ketone	5	200	590	1.8	70.0
Cyclohexanone	20	50	200	1.1	3.4
N-Butanol-Skin	5	50	150	1.4	4.3
Ethyl Benzene	5	100	435	1.0	7.2
Carbon Black	< 5	-	3.5	NA	NA
Calcium Silicate	50	-	10	NA	NA

**CONFIDENTIAL INFORMATION**

THIS INFORMATION IS CONFIDENTIAL AND  
IS THE PROPERTY OF DeSOTO, INC. IT IS  
DISCLOSED ONLY FOR THE PURPOSES  
REQUIRED BY LAW. NO OTHER USE OR  
DISCLOSURE IS AUTHORIZED.

NA = Not Applicable

## \*\*\*\*\* SECTION III-PHYSICAL DATA \*\*\*\*\*

PROPERTY	MEASUREMENT
Boiling Range	243-313° F. 118-157° C. @760 MM Hg
Vapor Density	X Heavier Lighter Than Air
Weight Per Gallon	12.9 Lbs.
Percent Volatile By Volume	50.0
Evaporation Rate	Faster X Slower Than Ether

## \*\*\*\*\* SECTION IV-FIRE AND EXPLOSION DATA \*\*\*\*\*

DOT Category        FLAMMABLE LIQUID  
OSHA Category      FLAMMABLE LIQUID CLASS 1C

Flash Point (Closed Cup)        74° F.  
                                     23.3° C.

Lower Explosive Limit        See II

EXTINGUISHING MEDIA: Use National Fire Protection Association Class B extinguishers (Carbon dioxide, dry chemical or foam)

UNUSUAL FIRE AND EXPLOSION HAZARDS: Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Closed containers may explode when exposed to extreme heat. Do not apply to hot surfaces.

SPECIAL FIRE FIGHTING PROCEDURES: Water spray may be ineffective. Water may be used to cool closed containers to prevent pressure build-up and possible auto ignition or explosion when exposed to extreme heat. If water is used, fog nozzles are preferable.

## \*\*\*\*\* SECTION V-HEALTH HAZARD DATA \*\*\*\*\*

THRESHOLD LIMIT VALUE: See II (Not Established for Product)

EFFECTS OF OVEREXPOSURE: Inhalation: Anesthetic. Irritation of the respiratory tract or acute nervous system depression characterized by headache, dizziness, staggering gait, confusion, unconsciousness or coma. Others as noted in Sec. IX.

SKIN OR EYE CONTACT: Primary Irritation.

EMERGENCY AND FIRST AID PROCEDURES: Inhalation: Remove from exposure. Restore breathing. Keep warm and quiet. Notify a physician. Skin Contact: Wash affected areas with water. Remove contaminated clothing. Consult a physician. Eye Contact: Flush with water for 15 minutes. Consult a physician.

## \*\*\*\*\* SECTION VI-REACTIVITY DATA \*\*\*\*\*

STABILITY:                    Unstable                    X Stable

INCOMPATABILITY (Materials to Avoid):

HAZARDOUS DECOMPOSITION PRODUCTS:

Products of combustion are hazardous

Hazardous Polymerization                    May occur                    X Will not occur

Conditions to Avoid:

## \*\*\*\*\* SECTION VII-SPILL OR LEAK PROCEDURES \*\*\*\*\*

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Remove all sources of ignition. Avoid breathing vapors. Ventilate area. Remove with inert absorbent and non-sparking tools.

WASTE DISPOSAL METHOD: Dispose in accordance with local, state and federal regulations. Incinerate in approved facility. Do not incinerate closed containers.

## \*\*\*\*\* SECTION VIII-SPECIAL PROTECTION INFORMATION \*\*\*\*\*

RESPIRATORY PROTECTION: In outdoor or open areas use NIOSH approved mechanical filter respirator.

In restricted ventilation areas use NIOSH approved chemical-mechanical filters.

In confined areas use NIOSH approved air line type respirators or hoods.

VENTILATION: Where employees may be exposed, provide general dilution or local exhaust ventilation in volume and pattern to keep TLV of hazardous ingredients in Section II below recommended (ACGIH) or regulated (OSHA) limit. Where employees will not be exposed, keep LEL in Section II below 25% of limit.

PROTECTIVE GLOVES:                      Recommended                      X Required

EYE PROTECTION: Use safety eyewear designed to protect against splash of liquids.

OTHER PROTECTIVE EQUIPMENT: Prevent prolonged skin contact with contaminated clothing.

## \*\*\*\*\* SECTION IX-SPECIAL PRECAUTIONS \*\*\*\*\*

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Do not store above 120° F. Store large quantities in buildings designed and protected for storage of flammable liquids.

OTHER PRECAUTIONS: Do not take internally. Containers should be grounded when pouring. Avoid free fall of liquid in excess of a few inches.

Do not sand, flame cut, braze or weld the dry coating without NIOSH approved respirator or appropriate ventilation.

Observe all precautionary label warnings.

Prepared By:  
R. A. Prokop